

FORM PTO-1390 (REV. 01-2003) US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 123400
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		
INTERNATIONAL APPLICATION NO. PCT/JP04/09580	INTERNATIONAL FILING DATE June 30, 2004	PRIORITY DATE CLAIMED July 10, 2003
TITLE OF INVENTION A DEVICE FOR ESTIMATING ANY AMOUNT OF INTAKE AIR OF AN INTERNAL COMBUSTION		
APPLICANTS FOR DO/EO/US Harufumi MUTO et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). c. <input type="checkbox"/> The International Application was filed in English. 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information:		

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<p>21. <input type="checkbox"/> The following fees are submitted:</p> <table border="1"> <tr> <td colspan="2">BASIC NATIONAL FEE (37 CFR 1.492(a)): \$ 300.00</td> <td colspan="2">\$</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">SEARCH FEE (37 CFR 1.492(b)(1)-(3)):</td> <td colspan="2">\$</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA \$ 100.00</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">International search report provided to USPTO no later than the time at which the search fee is paid \$ 400.00</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">All situations not provided for above \$ 500.00</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):</td> <td colspan="2">\$</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">International preliminary examination report prepared by the USPTO as IPEA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage \$ 100.00</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">All situations not provided for above \$ 200.00</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td colspan="2">\$</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">TOTAL PAGES OF APPLICATION OVER 100 (- 100)</td> <td>÷ 50</td> <td>= †</td> <td>× 250 =</td> <td>\$</td> </tr> <tr> <td colspan="6">†round up to next integer</td> </tr> <tr> <td colspan="2">CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td>\$</td> </tr> <tr> <td colspan="2">TOTAL CLAIMS</td> <td>- 20</td> <td>=</td> <td>× 50.00 =</td> <td>\$</td> </tr> <tr> <td colspan="2">INDEPENDENT CLAIMS</td> <td>- 3</td> <td>=</td> <td>× 200.00 =</td> <td>\$</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S)(if applicable)</td> <td></td> <td></td> <td>+ 360.00 =</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. 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A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> </td> </tr> <tr> <td colspan="6"> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>OLIFF & BERRIDGE, PLC Customer Number: 25944</p> <p>Date <u>May 5, 2005</u></p> </td> </tr> <tr> <td colspan="6"> <p>NAME: James A. Oliff REGISTRATION NUMBER: 27,075</p> <p>NAME: Jesse O. 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